

DO NOT ENTER AMD.

Application No. 09/555,105

89/08/03 JH

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An electromagnetic field deflecting garment, comprising:

a conducting fabric edged with a lattice fabric having conductive filaments which serve to close a conductive circuit between said conducting fabric and said lattice fabric;

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an electronic circuit operably interconnected through a conductor to said conducting fabric and said lattice fabric to form a closed circuit, wherein said electronic circuit is operable to dispel an electromagnetic signal received at coming from said garment through a Joule effect.

2. (Previously Amended) A garment according to claim 1, wherein said conducting fabric is a knitted fabric with filaments consisting of conductive material disposed parallel to each other.

3. (Currently Amended) A garment according to claim 1, wherein said lattice fabric has filaments of conductive material disposed in a cross-linked lattice wherein at least one filament of conductive material is arranged in a perpendicular orientation relative to the remaining filaments of conductive material.

4. (Previously Amended) A garment according to claim 1, wherein said electronic circuit is a parallel resonator at a predetermined cutting frequency and predetermined resonance frequency.

5. (Previously Amended) A garment according to claim 4, wherein said parallel resonator consists of the connection in parallel of an inductance, a first and a second capacitance decoupled by a diode, and a resistance, said parallel resonator being coupled to the conductive fabric by means of a coupling capacitance.

6. (Previously Amended) A garment according to claim 5, wherein said inductance is about 10  $\mu$ H, the first capacitance is about 20 pF, the second capacitance is about 10  $\mu$ F, the diode is the model 1N32A, the resistance is about 2 M  $\Omega$  and the coupling capacitance is about 100 pF.

7. (Previously Amended) A garment according to claim 1, wherein grounding of the electronic circuit is achieved by means of a cord protruding from the garment and made of conductive material.

8. (Previously Amended) A garment according to claim 1, wherein a microamperometer is connected to said electronic circuit allowing the intensity of the electromagnetic field absorbed by the garment to be displayed.

9. (Previously Amended) A garment according to claim 1, wherein said garment is a jacket.

10. (Previously Amended) A garment according to claim 9, wherein said jacket comprises a housing to hold objects, a housing to contain the microamperometer and a housing to contain the electronic circuit.

11. (Previously Amended) A garment according to claim 1, wherein said garment is a hat.

12. (Previously Amended) A garment according to claim 11, wherein said electronic circuit is positioned inside the hat.

13. (Previously Added) A garment according to Claim 4, wherein said predetermined cutting frequency is about 7 MHZ.